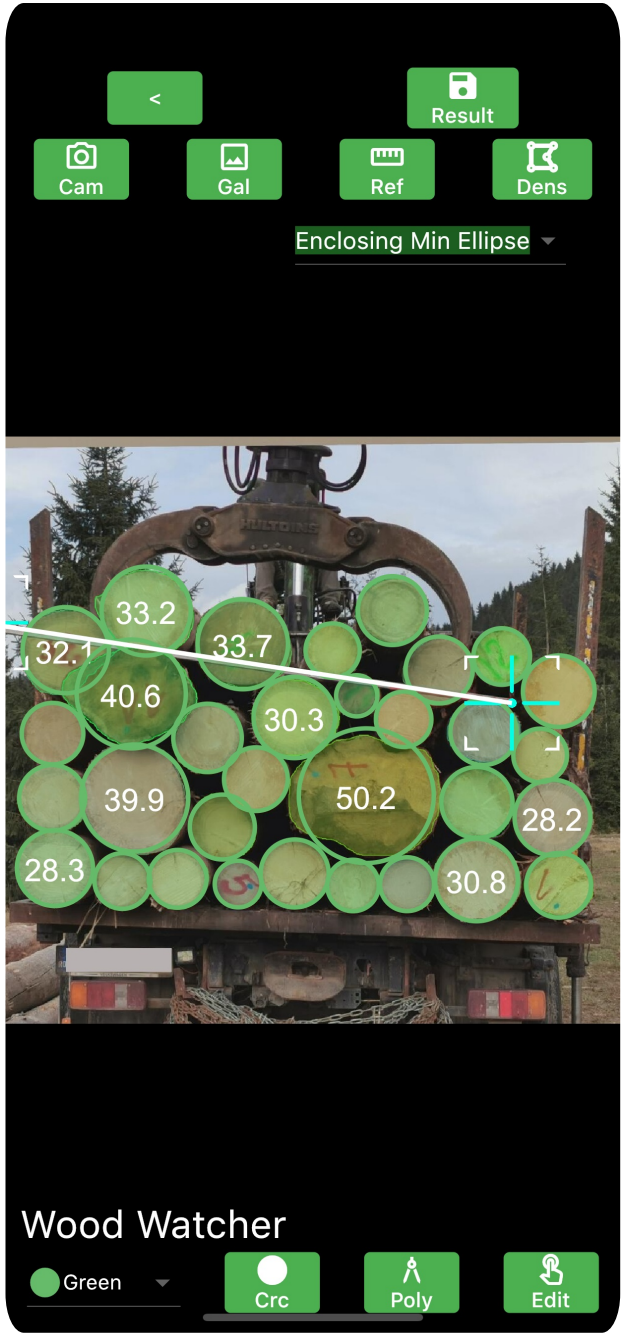
Wood Watcher - measure volume of woodpiles and wood transports fast, precise, and easy



Wood Watcher

Wood Watcher offers a complete digital solution to measure wood piles and wood transports using an Android phone, iPhone or iPad.

Main benefit: Manual wood volume measuring is labour-intensive and time-consuming, however, volumes can be easily measured digitally in minutes on a smartphone using Wood Watcher.

Easy process:

1. Point the camera from your phone or tablet to any wood stack or wood truck and take a picture
2. The artificial intelligence algorithms analyze every pixel and detect all the wood logs (even partially obscured or dirt or snow-covered)
3. Input the digital reference and the length of the logs
4. Instantly receive the **number of logs, the volume in cubic meters, the pile density and contour, and a detailed report of each piece of wood**
5. Save and share the measurement data to the cloud or with business partners

The benefits are:

1. **Time efficiency**. Time is the most important factor in any business. Manually measuring a woodpile or wood transport truck takes anywhere from 30 minutes to 120 minutes, but with Wood Watcher, it takes under 1 minute.
2. **Costs savings**. Manual methods require significant manpower – at least a crane operator and one (or two) employees to measure for 30-120 minutes. Wood Watcher works with only 1 person (ex: the crane operator) for 1 minute.
3. **Instant report generation**. Forget manually entering wood diameters using pen and paper or excel data input. Wood Watcher generates a basic .csv file or excel .xlsx file or .pdf file instantly.
4. **Reduce human input error**. We are human and we make mistakes when measuring, when inputting data or when reporting data. When using Wood Watcher all human errors are minimized.
5. **Satisfied and confident customers**. Both sellers/suppliers and buyers need to be able to measure and verify each other's claims. With Wood Watcher volumes can be measured objectively as many times as needed and the measurement ba used as proof.
6. **Data sharing. Compliance audit. Real-time inventory overview. Digital Transformation**. With Wood Watcher, data can be shared between systems and stored in the Cloud making it easily accessible and retrievable.

All digital data can be integrated with Wood Watcher Inventory System or using the company's existing inventory and management system.

Individual measurement data can be improved and customized to business needs and best practices with extra metadata: GPS, source, destination, transport id and more.

Wood Watcher provides automation, digitalization, precision, confidence, transparency, traceability, objectivity, and increases productivity when measuring wood.

DETALJER

OPPRINNELSE FOR TRE

Skog

TYPE TRE

Tre fra rundtvirke

TYPE TRE INVOLVERT

--

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

Wood Watcher contributes to sustainable and responsible forestry by promoting automation, digitalization, precision, confidence, transparency, traceability, objectivity.

MOBILISERINGSPOTENSIAL

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BæREKRAFTPOTENSIAL - VERDI

Veldig positivt

ENKEL IMPLEMENTERING

Wood Watcher is available right now for download on Android, iPhone, and iPad. You get 10 free credits and you pay per measurement as you use the software.

ENKEL IMPLEMENTERING - EVALUERING

Very Easy

INNTEKTSEFFEKT

--

UTNYTTELSESPOTENSIAL

--

HUB

--

VIKTIGE FORUTSETNINGER

--

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT På ARBEIDSPLASSER

--

ØKONOMISK PåVIRKNING

--

SPESIFIKKE KUNNSKAPSBEHOV

--

KOSTNADER MED IMPLEMENTERING (EURO - €)

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MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

NøKKELORD

Digital Wood Tracking

Precise Volume

OPPRINELSESLAND

Østerrike

DOMENE

Inventering, vurdering, overvåking

Avvirkning, infrastruktur, logistikk

DIGITAL LøSNING

Ja

POTENSIALE

Kontinentalt

TYPE LøSNING

Sensorer, måleinstrumenter

INNOVASJON

Ja

START OG SLUTT åR

2021 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

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https://woodwatcher.app/

RAPPORTøR

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://woodwatcher.app/

PROSJEKTETS HJEMMESIDE

https://woodwatcher.app/

REFERANSE TIL PROSJEKT

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RESSURSER

The forestry industry is changing towards digitalization, precision, and automation

App Store Download

Google Play Download

LOGO FOR BESTE PRAKSIS

LOGO FOR HOVEDORGANISASJON

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

18 Mar 2022

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY